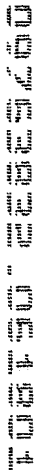


FIG.1



**FIG.2**

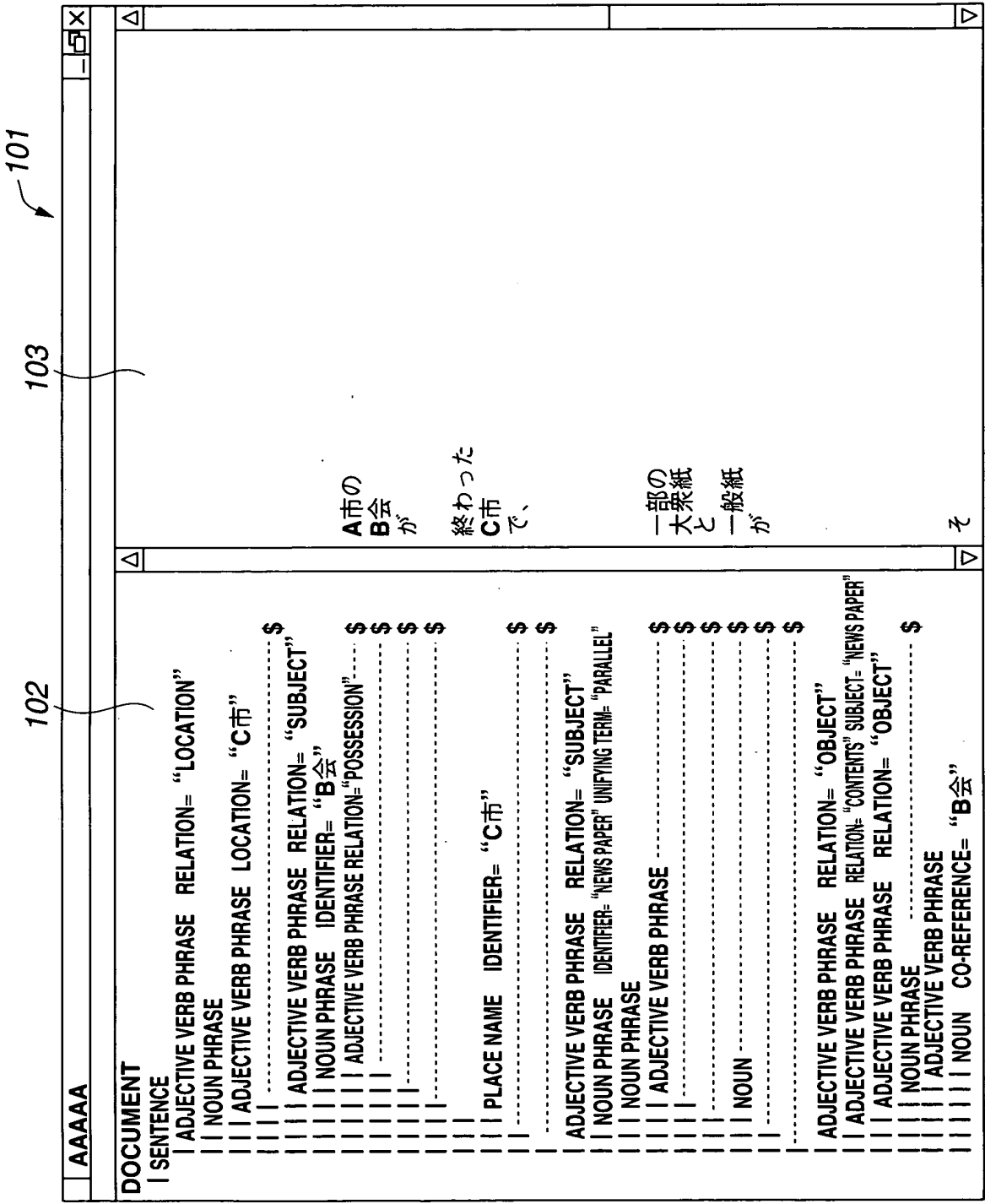


FIG.3

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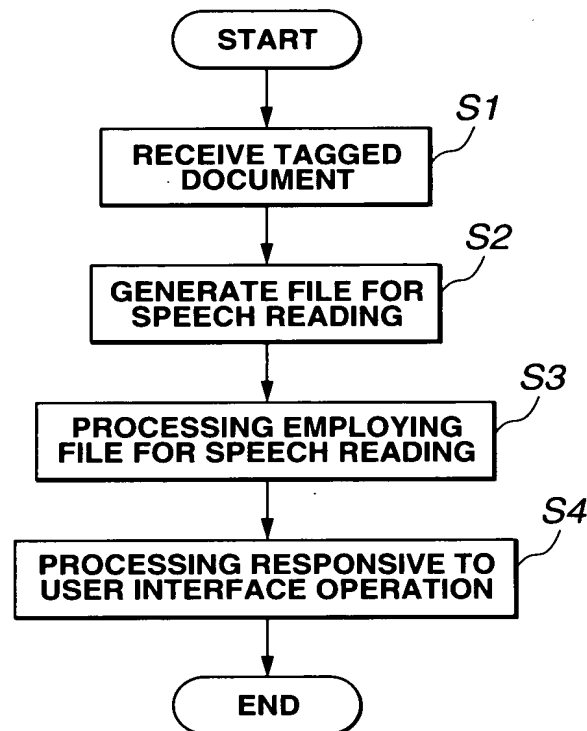


FIG.4

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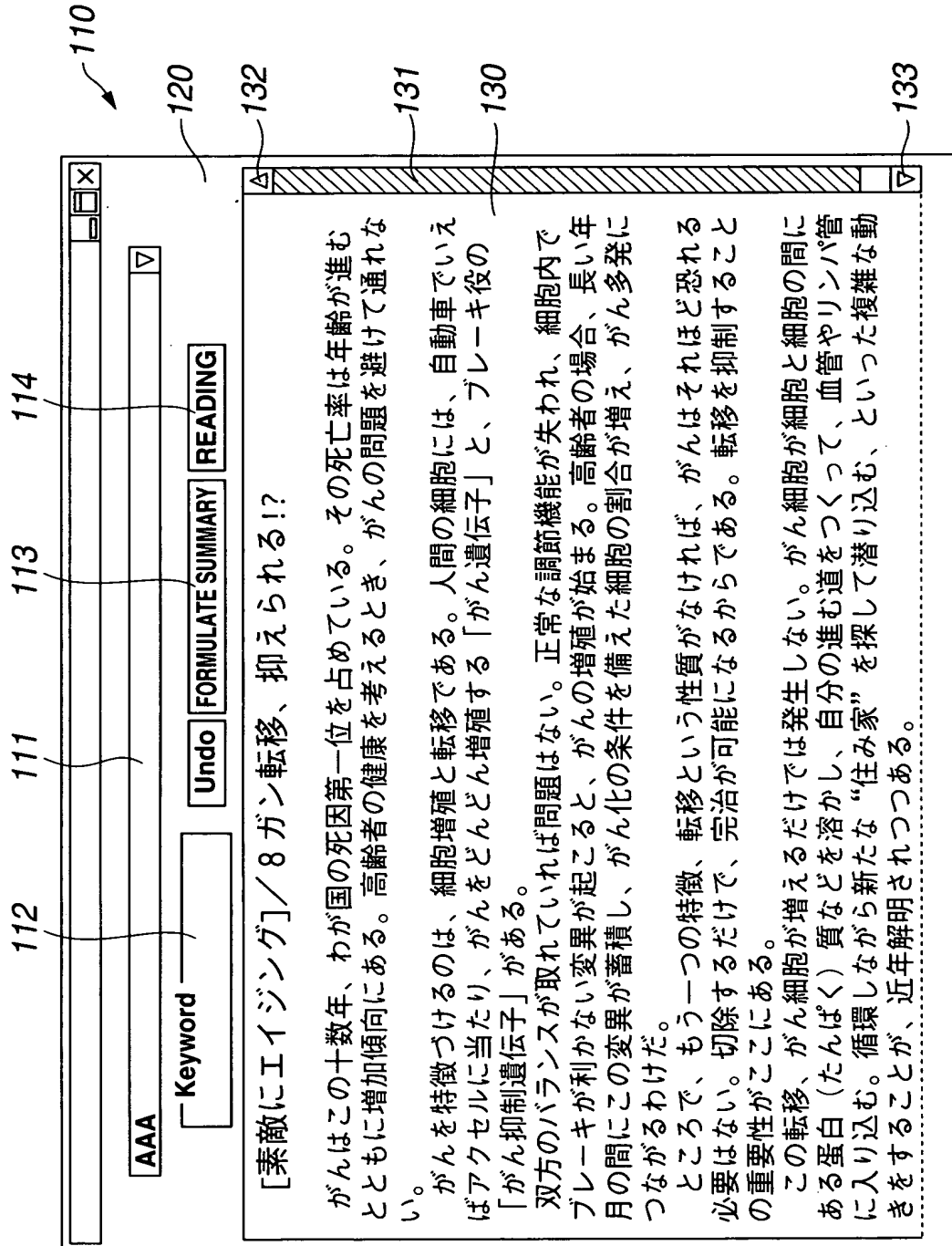


FIG.5

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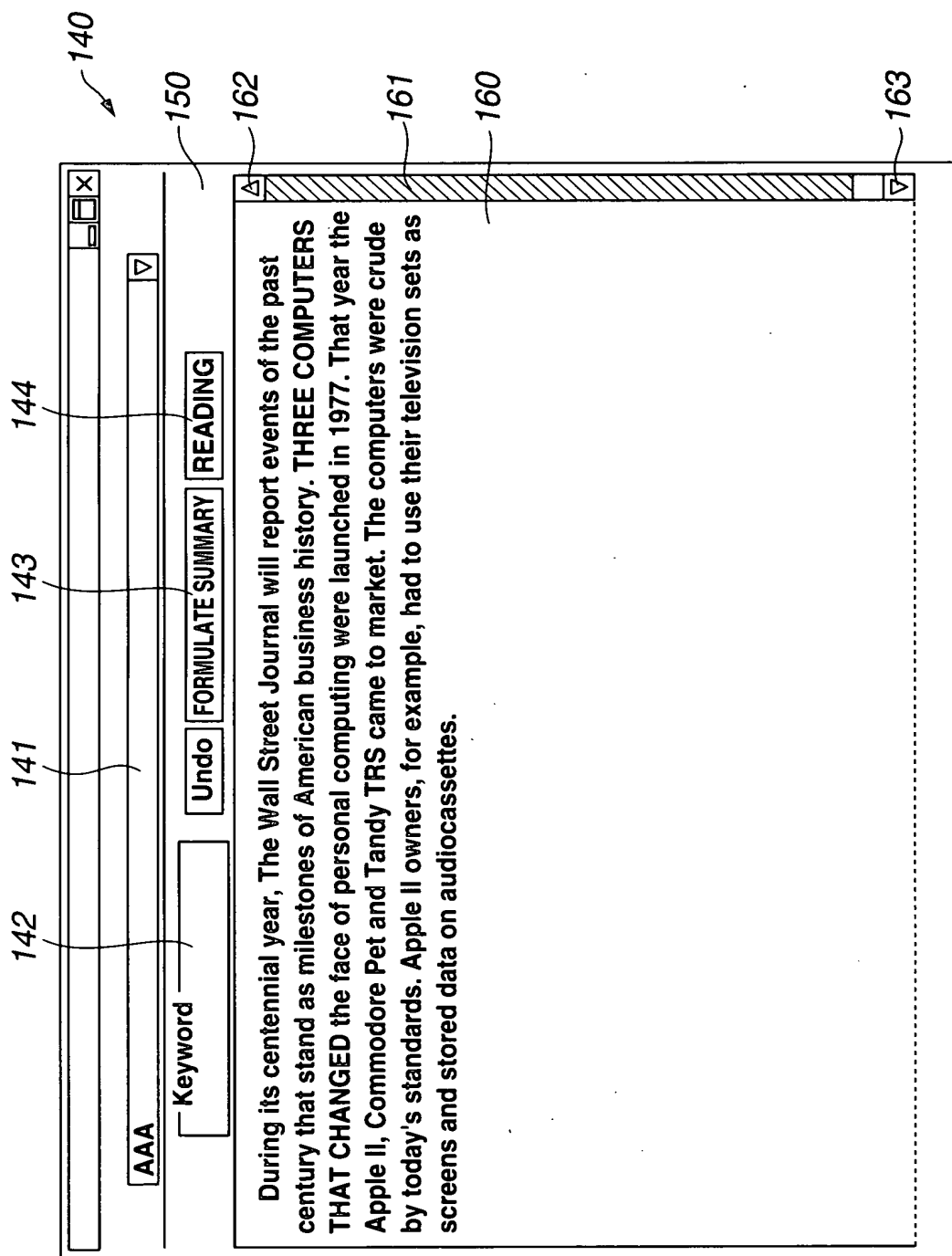


FIG. 6

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(DOCUMENT) (HEADING) (SENTENCE) [ (NOUN) (ADJECTIVE PHRASE MEANING= "3cf072") 素敵に (ADJECTIVE PHRASE)  
 (NOUN IDENTIFIER= "n200") エイジング (NOUN) (NOUN) ] / 8 (SENTENCE) (SENTENCE) (VERB PHRASE IDENTIFIER= "a876"  
 ) (ADJECTIVE VERB PHRASE RELATION= "OBJECT") (NOUN PHRASE IDENTIFIER= "n1000") (RELATION= "SUBJECT"  
 MEANING= "3be2c7") ガン (NOUN PHRASE) (NOUN IDENTIFIER= "a8" MEANING= "Of5e7") 転移 (NOUN PHRASE)  
 (ADJECTIVE VERB PHRASE) 抑え (VERB PHRASE) られる! ? (SENTENCE) (HEADING)

## FIG.7A

(PARAGRAPH) (SENTENCE) (ADJECTIVE VERB PHRASE RELATION= "SUBJECT") (NOUN PHRASE CO-REFERENCE= "a89")  
 この転移 (NOUN PHRASE) (ADJECTIVE VERB PHRASE) (ADJECTIVE VERB PHRASE RELATION= "CONDITION")  
 (ADJECTIVE VERB PHRASE RELATION= "SUBJECT") (NOUN PHRASE IDENTIFIER= "a15") (NOUN PHRASE CO-REFERENCE  
 = "a1" RELATION= "INDISPENSABLE" MEANING= "3be2c7") がん (NOUN PHRASE) (NOUN MEANING= "Of2e4c") 細胞 (NOUN)  
 (NOUN PHRASE) が (ADJECTIVE VERB PHRASE) 増えるだけでは (ADJECTIVE VERB PHRASE) 発生しない。 (SENTENCE)  
 (SENTENCE) (ADJECTIVE VERB PHRASE RELATION= "SUBJECT") (NOUN PHRASE IDENTIFIER= "a18" CO-REFERENCE= "a15")  
 (NOUN PHRASE CO-REFERENCE= "a1" RELATION= "INDISPENSABLE") がん (NOUN PHRASE) (NOUN MEANING= "Of2e4c")  
 細胞 (NOUN) (NOUN PHRASE) が (ADJECTIVE VERB PHRASE) (ADJECTIVE VERB PHRASE RELATION= "MEANS") (ADJECTIVE  
 VERB PHRASE RELATION= "MEANS") (ADJECTIVE VERB PHRASE RELATION= "OBJECT") (NOUN PHRASE IDENTIFIER= "a12")  
 (ADJECTIVE VERB PHRASE RELATION= "NOT CLEAR") (ADJECTIVE VERB PHRASE RELATION= "INDIRECT OBJECT")  
 (ADJECTIVE VERB PHRASE RELATION= "POSITION") (NOUN PHRASE UNIFYING TERM= "PARALLEL") (NOUN PHRASE  
 MEANING= "Of2e4c") 細胞 (NOUN PHRASE) と (NOUN PHRASE MEANING= "Of2e4c") 細胞 (NOUN PHRASE) (NOUN PHRASE)  
 の (ADJECTIVE VERB PHRASE) 間に (ADJECTIVE VERB PHRASE) ある (ADJECTIVE VERB PHRASE) (NOUN) (NOUN PHRASE UNIFYING  
 TERM= "BACKWARD DEPENDENT") 蛋白 (SPECIAL RELATION= "NOT CLEAR" PRONUNCIATION= "null") (たんぱく) (SPECIAL)  
 (NOUN PHRASE) 質 (NOUN) (NOUN PHRASE) などを (ADJECTIVE VERB PHRASE) 落とし、 (ADJECTIVE VERB PHRASE)  
 (ADJECTIVE VERB PHRASE RELATION= "OBJECT") (VERB PHRASE RELATION= "NOT CLEAR") (ADJECTIVE VERB PHRASE RELATION  
 = "SUBJECT") (NOUN PHRASE CO-REFERENCE= "a18" MEANING= "Of6fa3") 自分 (NOUN PHRASE) の (ADJECTIVE VERB PHRASE)  
 進む (VERB PHRASE) 道を (ADJECTIVE VERB PHRASE) つくって、 (ADJECTIVE VERB PHRASE) (ADJECTIVE VERB PHRASE  
 RELATION= "INDIRECT OBJECT") (NOUN PHRASE IDENTIFIER= "a33" UNIFYING TERM= "PARALLEL") (NOUN PHRASE MEANING  
 = "Of6fa3") 血管 (NOUN PHRASE) や (NOUN PHRASE PRONUNCIATION= "RIMPAKAN") リンパ管 (NOUN PHRASE)  
 (NOUN PHRASE) に (ADJECTIVE VERB PHRASE) 入り込む。 (SENTENCE) (SENTENCE IDENTIFIER= "a16") (ADJECTIVE  
 VERB PHRASE RELATION= "SUBJECT") (VERB PHRASE RELATION= "CONTENTS") (ADJECTIVE VERB PHRASE RELATION  
 = "OBJECT") (NOUN PHRASE) (ADJECTIVE VERB PHRASE RELATION= "CONTENTS") (ADJECTIVE VERB PHRASE)  
 (ADJECTIVE VERB PHRASE) 循環しながら (ADJECTIVE VERB PHRASE) (VERB PHRASE) (VERB PHRASE RELATION=  
 "NOT CLEAR") (ADJECTIVE VERB PHRASE RELATION= "OBJECT") (ADJECTIVE VERB PHRASE RELATION= "OBJECT")  
 (NOUN PHRASE IDENTIFIER= "a69") 新たな " (NOUN PRONUNCIATION= "SUMIKA") 住み家 (NOUN) " (NOUN PHRASE) を  
 (ADJECTIVE VERB PHRASE) 探して (VERB PHRASE) 潜り込む、 (VERB PHRASE) (ADJECTIVE VERB PHRASE) といった  
 (ADJECTIVE VERB PHRASE) (ADJECTIVE PHRASE RELATION= "NOT CLEAR" MEANING= "3ce6b4") 複雑な (ADJECTIVE PHRASE)  
 動き (NOUN PHRASE) を (ADJECTIVE VERB PHRASE) する (VERB PHRASE) ことが、 (ADJECTIVE VERB PHRASE)  
 (NOUN PHRASE RELATION= "TIME") 近年 (NOUN PHRASE RELATION) 解明されつつある。 (SENTENCE)  
 (PARAGRAPH) (DOCUMENT)

## FIG.7B

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(DOCUMENT) (SENTENCE) (ADJECTIVE VERB PHRASE RELATION= "TIME" ) During (NOUN PHRASE RELATION= "INDISPENSABLE" )  
 (ADJECTIVE VERB PHRASE CO-REFERENCE= "wsj" ) its (ADJECTIVE VERB PHRASE) (ADJECTIVE PHRASE) centennial  
 (ADJECTIVE PHRASE) year (NOUN PHRASE) , (ADJECTIVE VERB PHRASE) (PROPER NOUN PHRASE IDENTIFIER= "wsj" ) RELATION  
 = "SUBJECT" ) The Wall Street Journal (PROPER NOUN PHRASE) will report (NOUN PHRASE= "OBJECT" ) events (ADJECTIVE VERB  
 PHRASE) of (NOUN PHRASE) the past century (NOUN PHRASE) (ADJECTIVE VERB PHRASE) (COMPLEMENT TEXT) (NOUN PHRASE)  
 that (NOUN PHRASE) stand (ADJECTIVE VERB PHRASE RELATION= "INDISPENSABLE" ) as (NOUN PHRASE) milestones (ADJECTIVE  
 VERB PHRASE) of (NOUN PHRASE) American business history (NOUN PHRASE) (ADJECTIVE VERB PHRASE) (NOUN PHRASE)  
 (ADJECTIVE VERB PHRASE) (COMPLEMENT TEXT) (NOUN PHRASE) (SENTENCE) (SENTENCE) (NOUN PHRASE CO-REFERENCE  
 = "a3" ) RELATION= "SUBJECT" ) (CARDINAL NUMBER PHRASE TYPE= "INTEGER" ) VALUE= "3" ) RELATION= "INDISPENSABLE" )  
 THREE (CARDINAL NUMBER PHRASE) COMPUTERS (COMPLEMENT TEXT) THAT CHANGED (NOUN PHRASE RELATION= "OBJECT" )  
 the face (ADJECTIVE VERB PHRASE) of (NOUN PHRASE) personal computing (NOUN PHRASE) (ADJECTIVE VERB PHRASE)  
 (NOUN PHRASE) (COMPLEMENT TEXT) (NOUN PHRASE) were launched (ADJECTIVE VERB PHRASE RELATION= "TIME" ) in  
 (DATE PHRASE IDENTIFIER= "a1977" ) 1977 (DATE PHRASE) (ADJECTIVE VERB PHRASE) (SENTENCE) (SENTENCE) (DATE PHRASE)  
 That year (DATE PHRASE) (PROPER NOUN PHRASE IDENTIFIER= "a3" ) UNIFYING TERM= "PARALLEL" ) RELATION= "SUBJECT" )  
 the (PROPER NOUN PHRASE IDENTIFIER= "a2" ) Apple (NOUN PHRASE PRONUNCIATION= "two" ) II (NOUN PHRASE)  
 (PROPER NOUN PHRASE) , (PROPER NOUN PHRASE IDENTIFIER= "cp" ) Commodore Pet (PROPER NOUN PHRASE) and  
 (PROPER NOUN PHRASE IDENTIFIER= "trs" ) Tandy TRS (PROPER NOUN PHRASE) (PROPER NOUN PHRASE) came (ADJECTIVE  
 VERB PHRASE RELATION= "INDISPENSABLE" ) to market (ADJECTIVE VERB PHRASE) , (SENTENCE) (CONTINUING SENTENCE)  
 (SENTENCE) (NOUN PHRASE CO-REFERENCE= "a3" ) RELATION= "SUBJECT" ) The computers (NOUN PHRASE) were (ADJECTIVE  
 PHRASE IDENTIFIER= "a87" ) RELATION= "INDISPENSABLE" ) crude (ADJECTIVE PHRASE) (ADJECTIVE VERB PHRASE) by (NOUN  
 PHRASE) (ADJECTIVE VERB PHRASE) today's (ADJECTIVE VERB PHRASE) standards (NOUN PHRASE) (ADJECTIVE VERB  
 PHRASE) (SENTENCE) (SENTENCE IDENTIFIER= "a222" ) RELATION= "EXAMPLE" ) (NOUN PHRASE IDENTIFIER= "aonrs" ) RELATION  
 = "SUBJECT" ) (PROPER NOUN PHRASE CO-REFERENCE= "a2" ) Apple (NOUN PRONUNCIATION= "two" ) II (NOUN PHRASE)  
 (PROPER NOUN PHRASE) owners (NOUN PHRASE) (ADJECTIVE VERB PHRASE RELATION= "NOT CLEAR" ) , for example,  
 (ADJECTIVE VERB PHRASE) (VERB PHRASE UNIFYING TERM= "PARALLEL" ) (VERB PHRASE) had to use (NOUN PHRASE RELATION  
 = "OBJECT" ) (ADJECTIVE VERB PHRASE CO-REFERENCE= "aonrs" ) their (ADJECTIVE VERB PHRASE) television sets (NOUN  
 PHRASE) (ADJECTIVE VERB PHRASE) as screens (ADJECTIVE VERB PHRASE) (VERB PHRASE) and (VERB PHRASE) stored  
 (NOUN PHRASE RELATION= "OBJECT" ) data (NOUN PHRASE) (ADJECTIVE VERB PHRASE RELATION= "INDIRECT OBJECT" ) on  
 (ADJECTIVE VERB PHRASE) (VERB PHRASE) (VERB) , (SENTENCE) (CONTINUING SENTENCE) (DOCUMENT)

FIG.8



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¥Com=Lang=JPN¥¥Pau=100¥¥Com=begin\_s¥ ¥Pau=50¥¥Com=begin\_ph¥素敵にエイジング]  
 / 8 ¥Pau=100¥¥Com=begin\_s¥¥Pau=50¥¥Com=begin\_ph¥ガン転移、抑えられる！？

## FIG.9A

¥Pau=50¥¥Com=begin\_p¥¥Pau=100¥¥Com=begin\_s¥¥Pau=50¥¥Com=begin\_ph¥この転移、  
 ¥Pau=50¥¥Com=begin\_ph¥がん細胞が増えるだけでは発生しない。  
 ¥Pau=100¥¥Com=begin\_s¥¥Pau=50¥¥Com=begin\_ph¥がん細胞が¥Pau=50¥¥Com=begin\_ph¥細  
 胞と¥Pau=50¥¥Com=begin\_ph¥細胞の間にある¥Pau=50¥¥Com=begin\_ph¥蛋白質などを溶かし、  
 ¥Pau=50¥¥Com=begin\_ph¥自分の進む道をつくって、¥Pau=50¥¥Com=begin\_ph¥血管や  
 ¥Pau=50¥¥Com=begin\_ph¥りんぱかんに入り込む。  
 ¥Pau=100¥¥Com=begin\_s¥¥Pau=50¥¥Com=begin\_ph¥循環しながら¥Pau=50¥¥Com=begin\_ph¥  
 新たな“すみか”を探して潜り込む、といった¥Pau=50¥¥Com=begin\_ph¥複雑な動きをするこ  
 とが、¥Pau=50¥¥Com=begin\_ph¥近年解明されつつある。

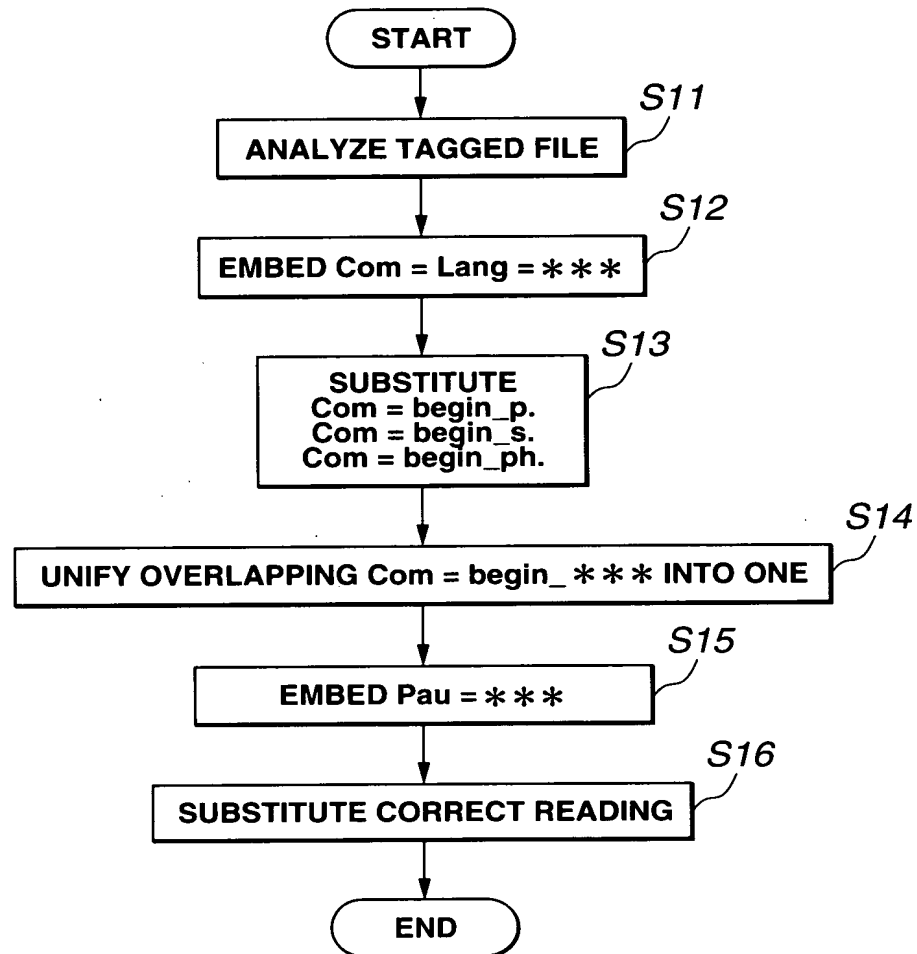
## FIG.9B

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¥Com=Lang=ENG¥Pau=100¥Com=begin\_s¥Com=Vol=0¥Pau=50¥Com=begin\_ph¥During  
 ¥Pau=50¥Com=begin\_ph¥its ¥Pau=50¥Com=begin\_ph¥centennial year,  
 ¥Pau=50¥Com=begin\_ph¥The Wall Street Journal will report  
 ¥Pau=50¥Com=begin\_ph¥events ¥Pau=50¥Com=begin\_ph¥of¥Pau=50¥Com=begin\_ph¥the  
 past century ¥Pau=50¥Com=begin\_ph¥that stand  
 ¥Pau=50¥Com=begin\_ph¥as¥Pau=50¥Com=begin\_ph¥milestones  
 ¥Pau=50¥Com=begin\_ph¥of ¥Pau=50¥Com=begin\_ph¥American business history.  
 ¥Pau=100¥Com=begin\_s¥Com=Vol=80¥Pau=50¥Com=begin\_ph¥THREE COMPUTERS  
 THAT CHANGED ¥Pau=50¥Com=begin\_ph¥the face  
 ¥Pau=50¥Com=begin\_ph¥of¥Pau=50¥Com=begin\_ph¥personal computing were launched  
 ¥Pau=50¥Com=begin\_ph¥in¥Pau=50¥Com=begin\_ph¥1977.  
 ¥Pau=100Com=begin\_s¥Com=Vol=80¥Pau=50¥Com=begin\_ph¥That  
 year¥Pau=50¥Com=begin\_ph¥the ¥Pau=50¥Com=begin\_ph¥Apple  
 ¥Pau=50¥Com=begin\_ph¥two,¥Pau=50¥Com=begin\_ph¥Commodore Pet and  
 ¥Pau=50¥Com=begin\_ph¥Tandy TRS came¥Pau=50¥Com=begin\_ph¥to market.  
 ¥Pau=100¥Com=begin\_s¥Com=Vol=80¥Pau=50¥Com=begin\_ph¥The computers were  
 ¥Pau=50¥Com=begin\_ph¥curd e  
 ¥Pau=50¥Com=begin\_ph¥by¥Pau=50¥Com=begin\_ph¥today's  
 standards.¥Pau=100¥Com=begin\_s¥Com=Vol=0¥Pau=50¥Com=begin\_ph¥Apple two  
 owners¥Pau=50¥Com=begin\_ph¥, for example,¥Pau=50¥Com=begin\_ph¥had to  
 use¥Pau=Com=begin\_ph¥their television sets ¥Pau=50¥Com=begin\_ph¥as screens  
 and¥Pau=50¥Com=begin\_ph¥stored ¥Pau=50¥Com=begin\_ph¥data  
 ¥Pau=50¥Com=begin\_ph¥on audiocassettes.

FIG.10

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**FIG.11**

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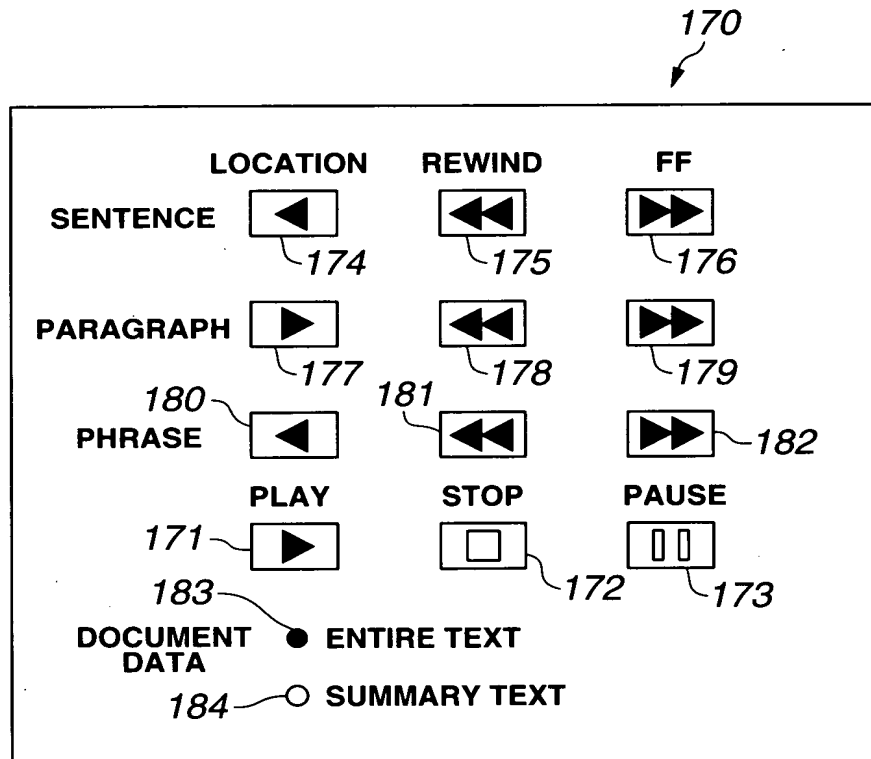


FIG.12

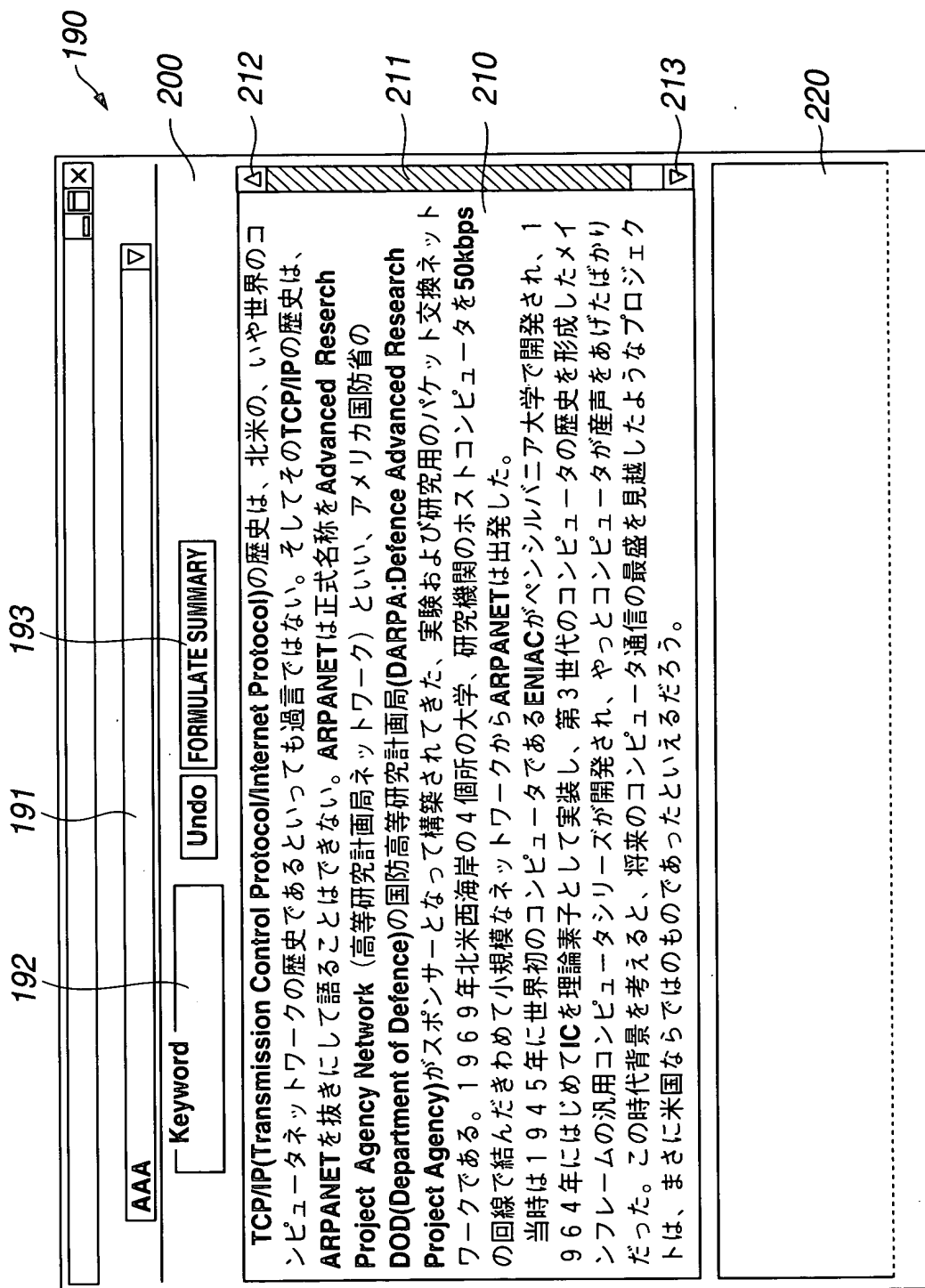


FIG.13

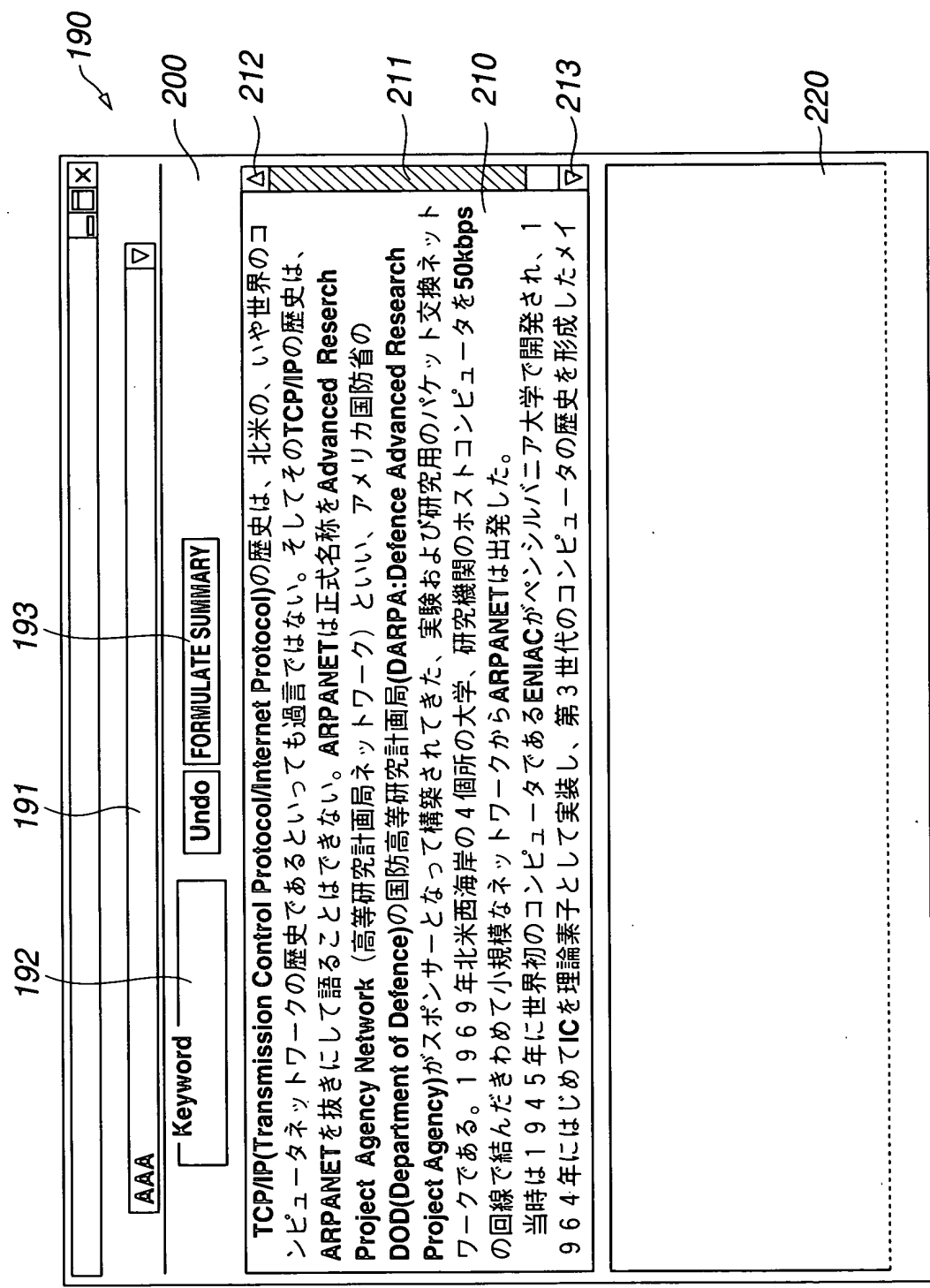


FIG.14

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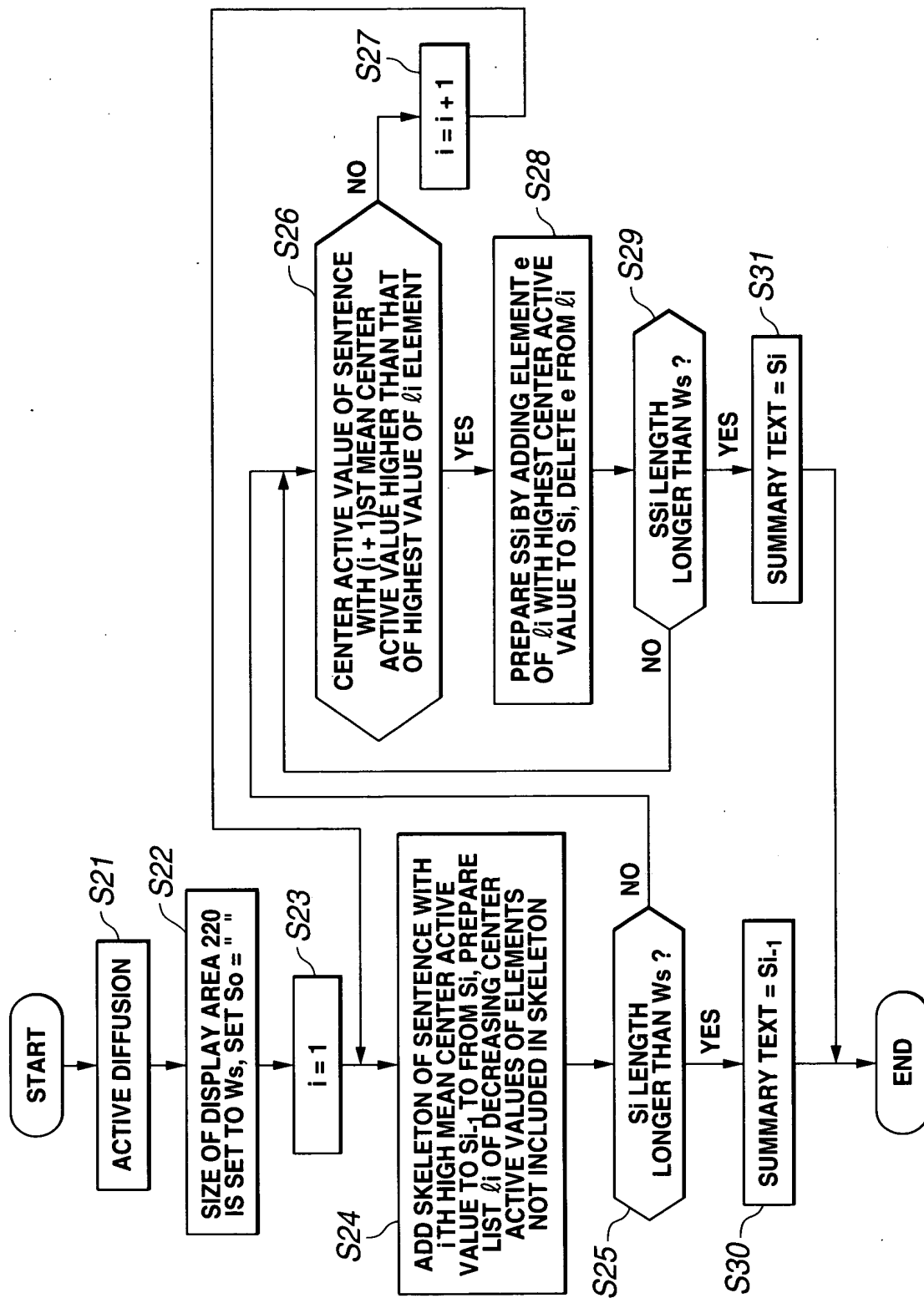
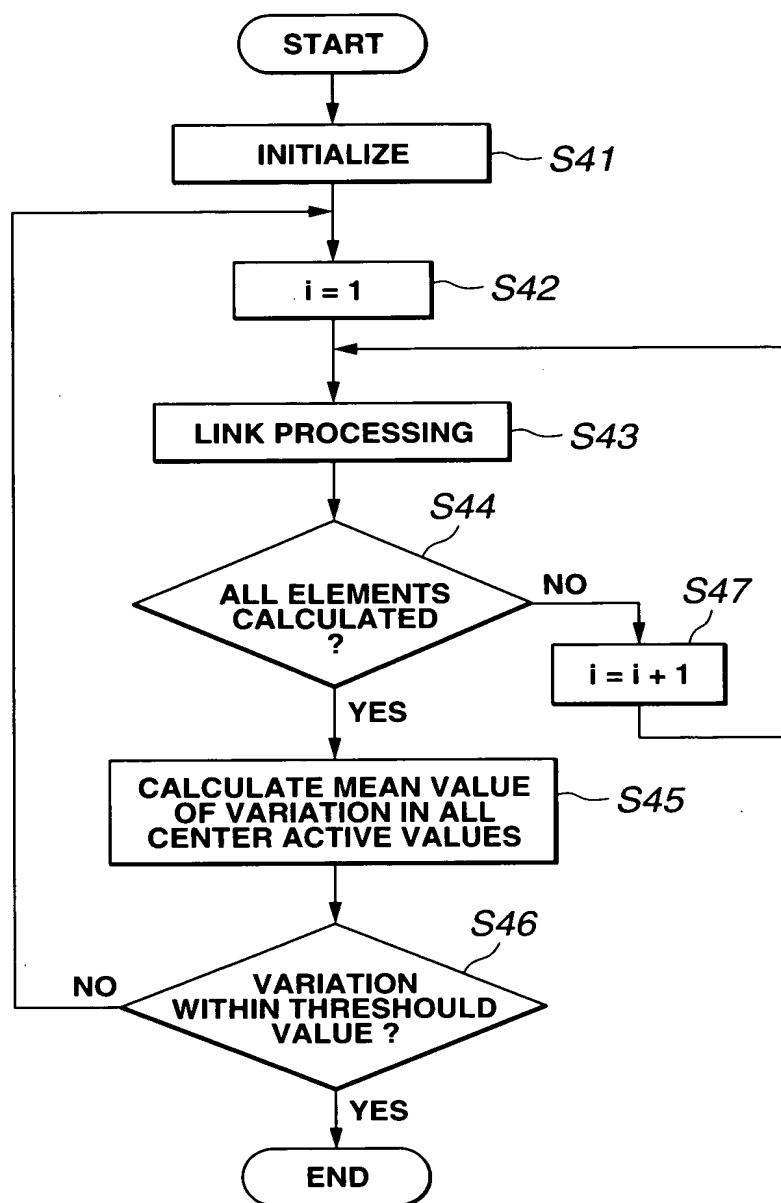
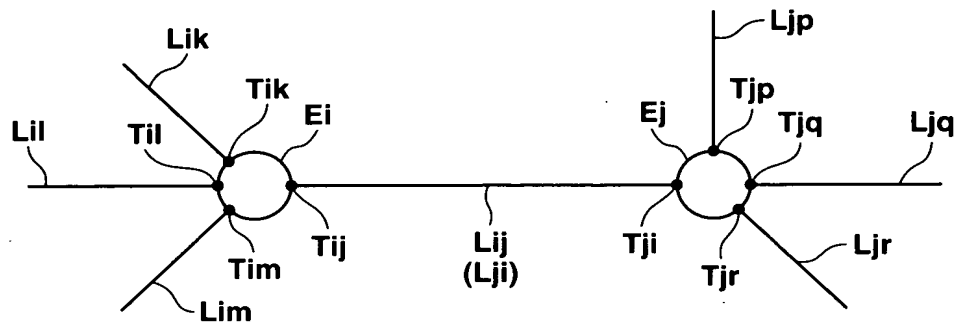


FIG.15

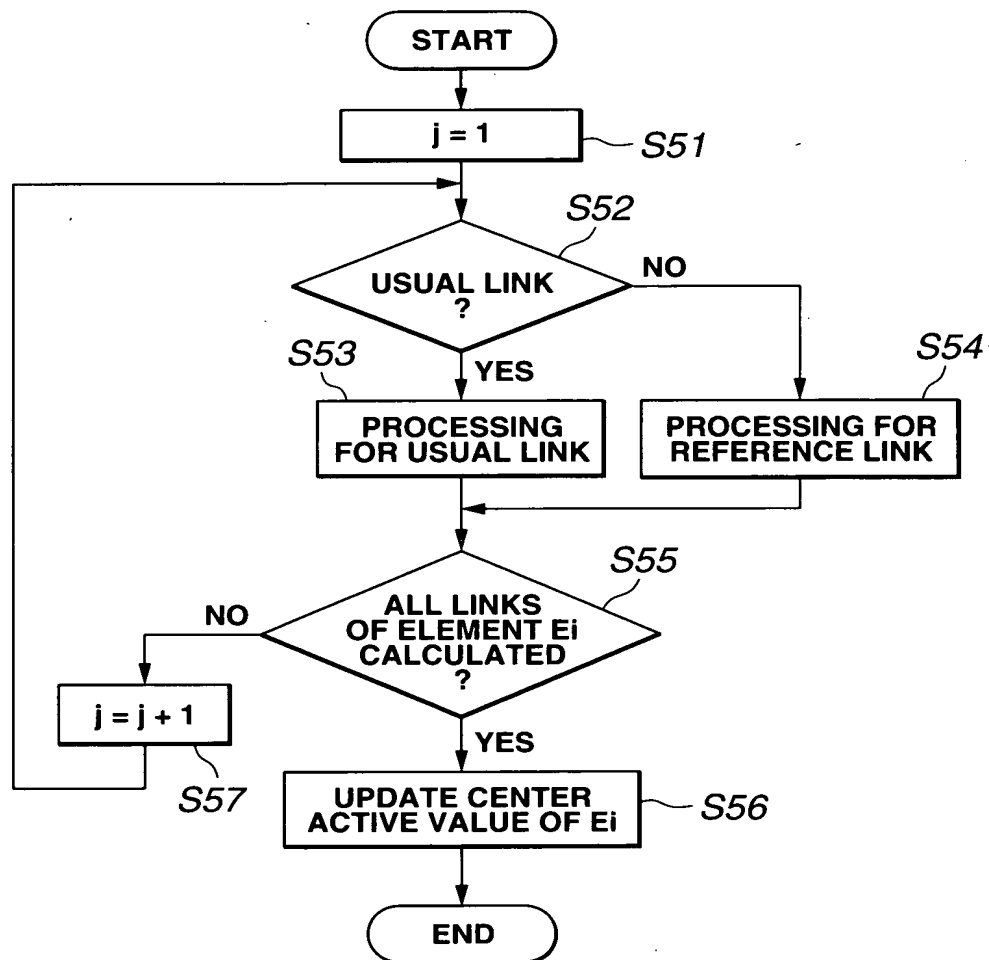
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**FIG.16**





**FIG.17**



**FIG.18**

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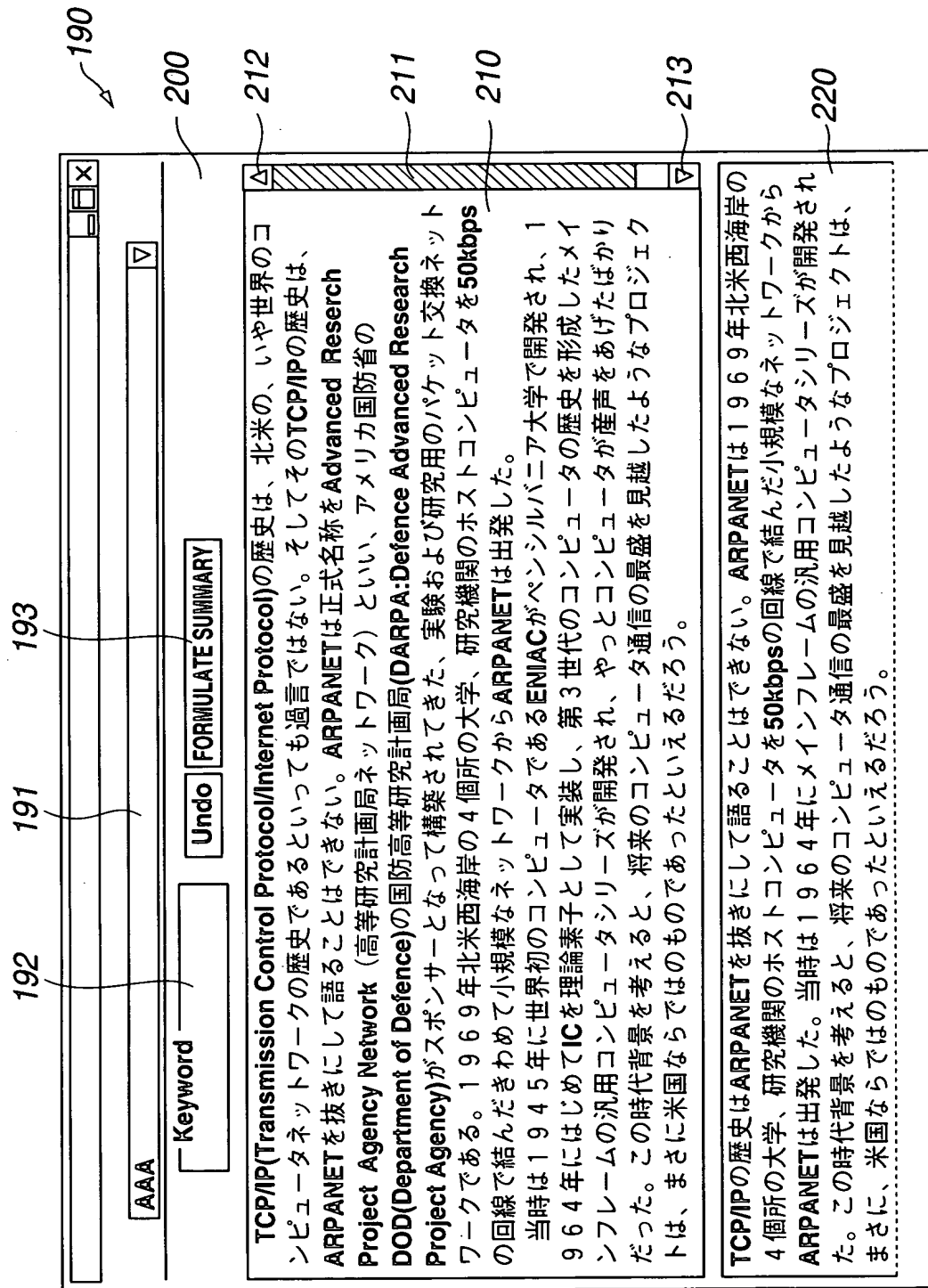


FIG.19

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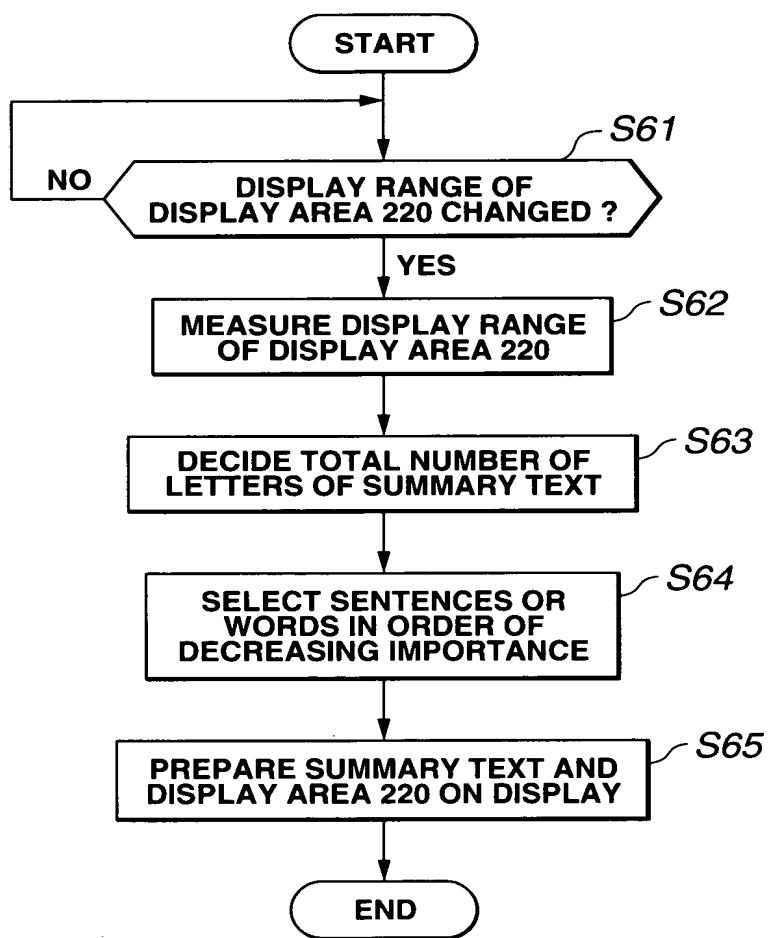


FIG.20

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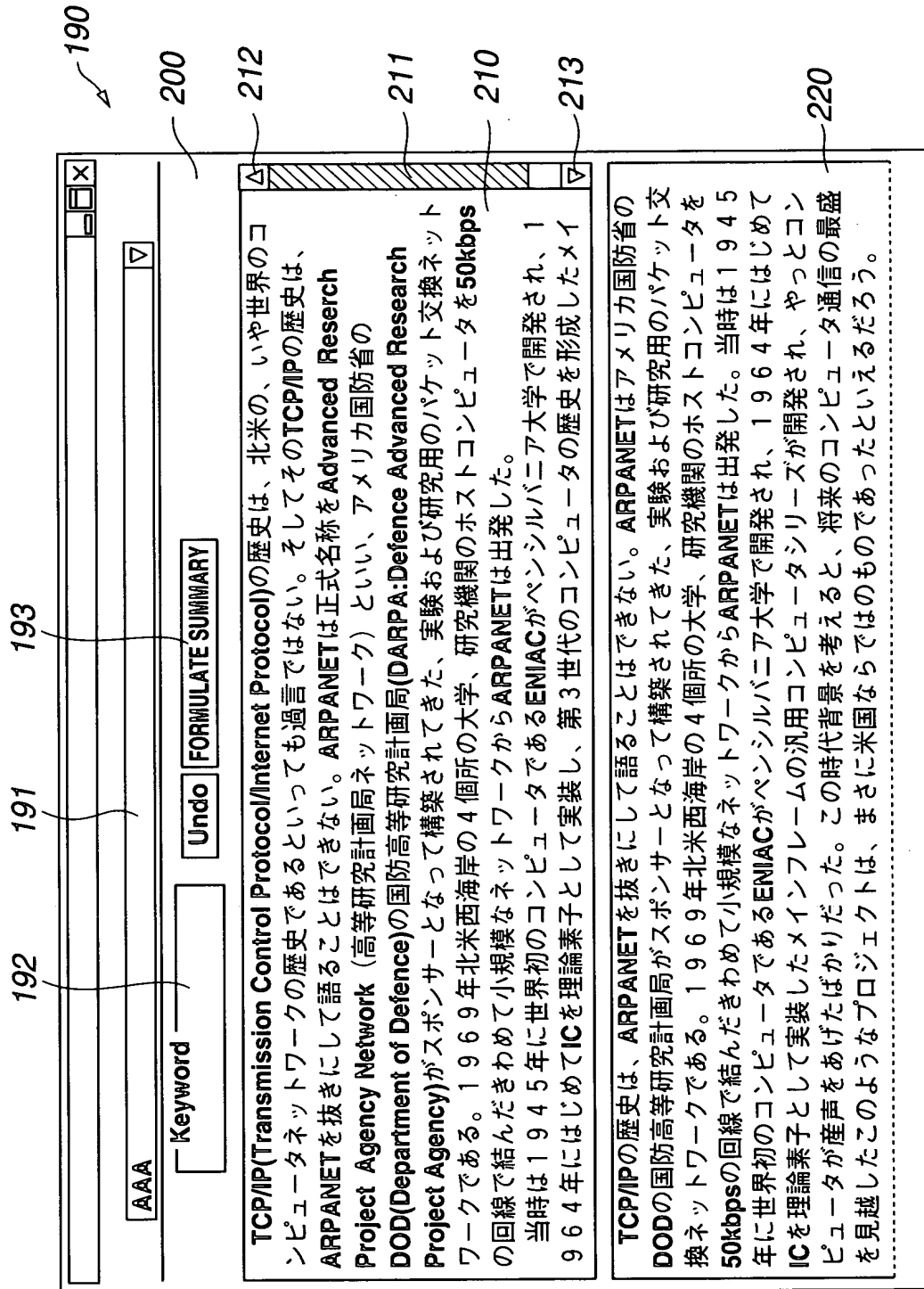


FIG. 21

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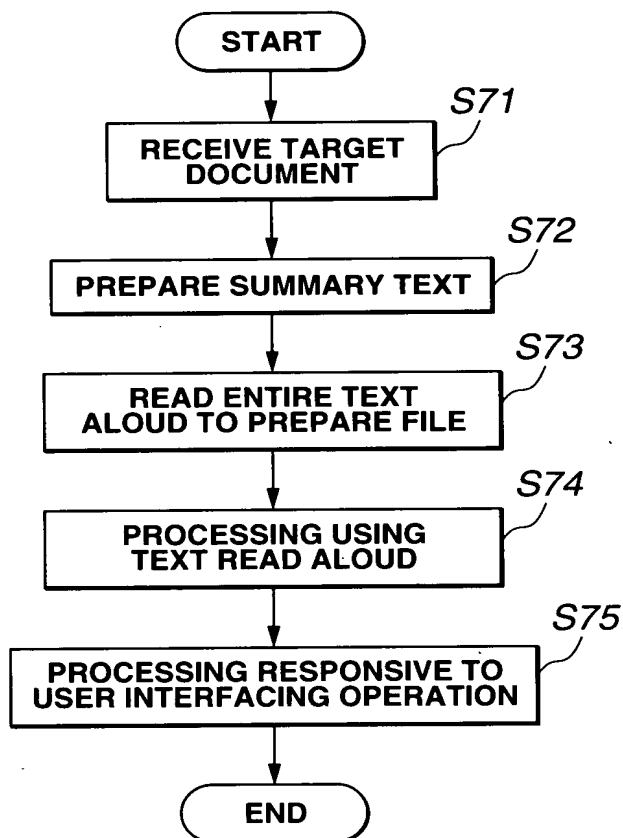


FIG.22

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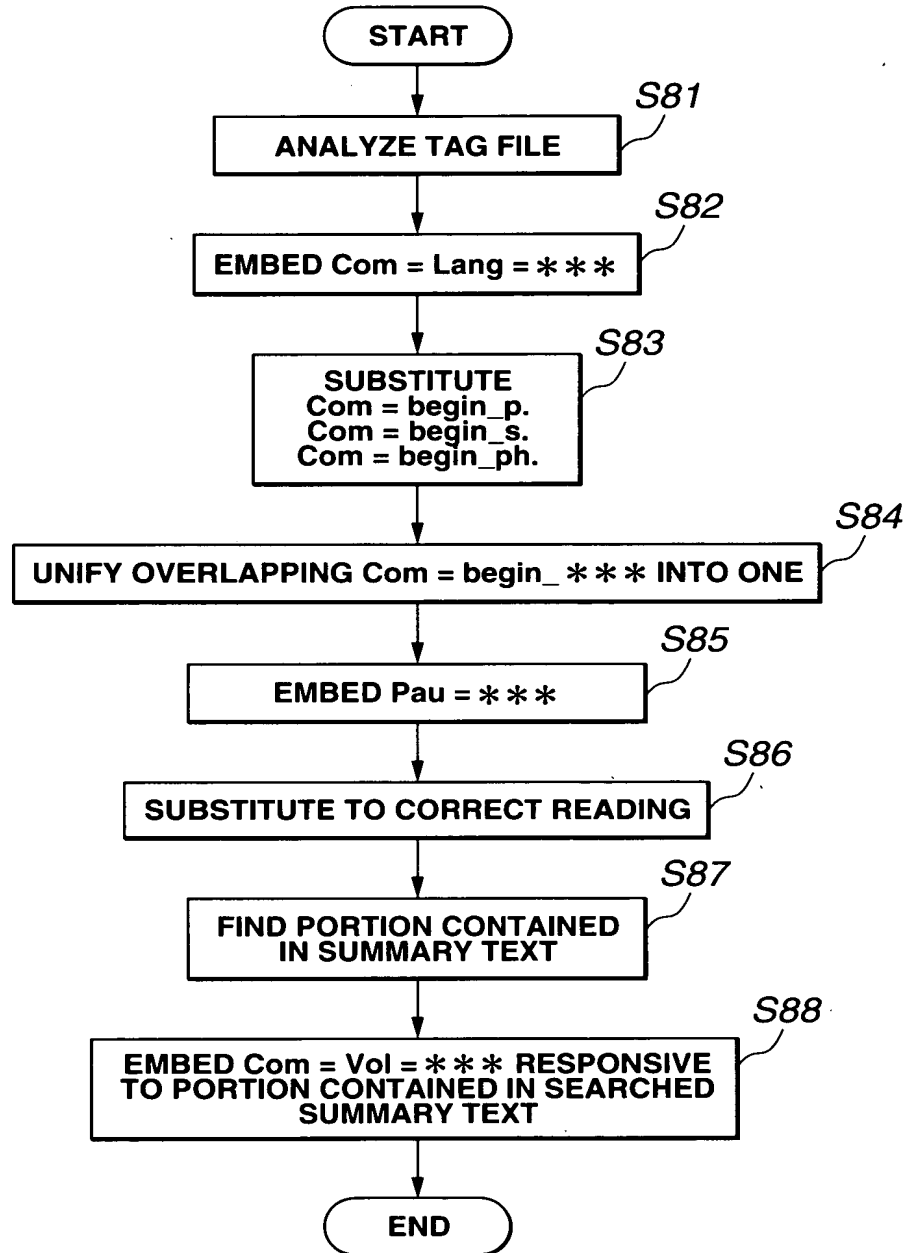


FIG.23